

TRANSMITTAL OF APPEAL BRIEF (Large Entity)

Docket No.
ITL.0320US

In Re Application Of: Scott A. Rosenberg

JUL 10 2006

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/522,053	March 9, 2000	Ngoc K. Vu	21906	2623	4245

Invention: Displaying Heterogeneous Video

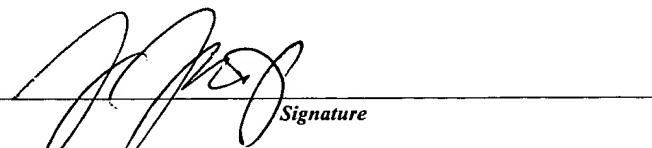
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April 17, 2006

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Signature

Dated: July 7, 2006

Timothy N. Trop, Reg. No. 28,994
TROP, PRUNER & HU, P.C.
 1616 S. Voss Road, Suite 750
 Houston, TX 77057
 713/468-8880 [Phone]
 713/468-8883 [Fax]

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Nancy Meshkoff

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Scott A. Rosenberg, et al.

§

Art Unit: 2623

Serial No.: 09/522,053

§

Examiner: Ngoc K. Vu

Filed: March 9, 2000

§

Atty Docket: ITL.0320US
(P8003)

For: Displaying Heterogeneous Video

§

Assignee: Intel Corporation

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APPEAL BRIEF

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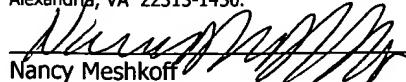

Nancy Meshkoff

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REAL PARTY IN INTEREST

The real party in interest is the assignee Intel Corporation.

RELATED APPEALS AND INTERFERENCES

None.

STATUS OF CLAIMS

Claims 1-10 (Canceled).

Claims 11-13 (Rejected).

Claims 14-28 (Canceled).

Claims 11-13 are rejected and are the subject of this Appeal Brief.

STATUS OF AMENDMENTS

All amendments have been entered.

SUMMARY OF CLAIMED SUBJECT MATTER

In the following discussion, the independent claims are read on one of many possible embodiments without limiting the claims:

11. A system comprising:

a processor (Figure 1A, 18, page 4, lines 16-19);

a storage (Figure 1A, 20, page 4, lines 19-20) coupled to said processor;

a video controller (Figure 1A, 28, page 4, lines 20-23) coupled to said processor;

and

a packetization device (Figure 1A, 30, page 4, lines 20-24) coupled to said video controller to independently packetize at least two moving picture video streams in different frame rates for transmission thereof to a display device without converting frame rates of said moving picture video streams to a common frame rate (page 7, lines 5-13 and page 7, line 25-page 8, line 19).

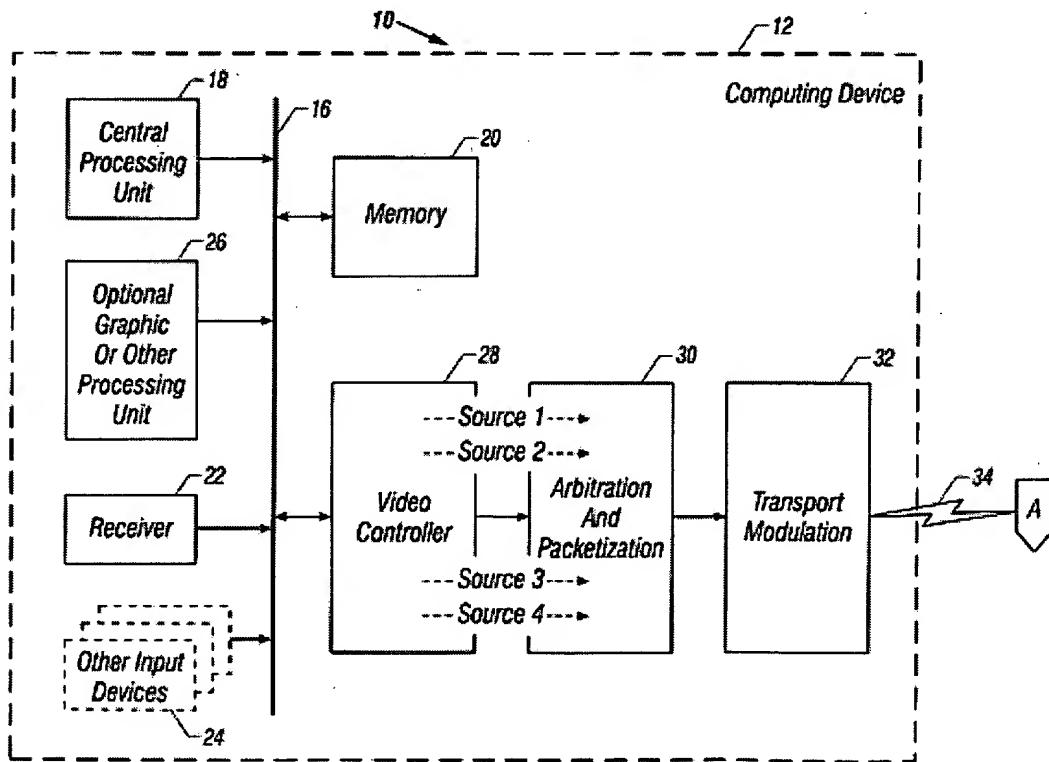


FIG. 1A

At this point, no issue has been raised that would suggest that the words in the claims have any meaning other than their ordinary meanings. Nothing in this section should be taken as an indication that any claim term has a meaning other than its ordinary meaning.

GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

A. Are claims 11-13 anticipated by Miura?

ARGUMENT

A. Are claims 11-13 anticipated by Miura?

Claim 11 calls for a packetization device to independently packetize at least two moving picture video streams in different frame rates.

The rejection suggests that the packetization device is in the encoder 8 in Figure 5 of Miura. However, it should be noted that the encoder 8 comes in the stream after the input signal monitoring unit 3. That unit 3 does not receive all the video streams. Instead, it selects one video stream, as indicated by the arrow from the camera 1-2 to the input signal monitoring unit 3. See column 7, lines 26-38. There, it is explained that only one frame is selected from one camera.

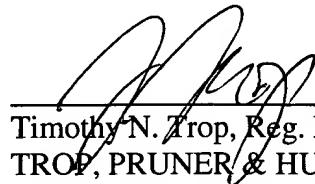
The goal is obviously to compose the array of still pictures shown in Figures 2A-2D. There are no moving pictures, but, instead, a series of stills collated into one picture from as many as four cameras.

The way this is done is better explained in the cited Figure 12 and in the specification at column 13, lines 41-56. As shown in Figure 12, the video signals 1-4 have different frame rates. In order to select the signals successively from the moving picture streams, one frame is pulled successively from each stream. Thus, from the video signal stream number 1, the first frame is taken out and from the video signal 2 the second frame is taken out. From the video signal stream 3 its fourth frame is taken out and from the video signal stream 4 its fifth stream is taken out. The reason that these particular frames are selected is that this technique enables a clean frame to be extracted after extracting the previous frame from the previous stream. Thus, in the case of video stream 3, its frame 3 was skipped because it occurred during some of the time that frame 2 occurred in video signal stream 2.

What is encoded in the encoder 8 is a series of stills or signal frames pulled from the various streams. Thus, the packetization device asserted to be in the item number 8 in Figure 5 does not independently packetize two moving picture video streams. Instead, if anything, it packetizes a series of displaced single frames that cannot be called moving picture video streams and no longer have any frame rate.

Applicant respectfully requests that each of the final rejections be reversed and that the claims subject to this Appeal be allowed to issue.

Respectfully submitted,



Timothy N. Trop, Reg. No. 28,994
TROP, PRUNER & HU, P.C.
1616 S. Voss Road, Suite 750
Houston, TX 77057
713/468-8880 [Phone]
713/468-8883 [Fax]

Attorneys for Intel Corporation

CLAIMS APPENDIX

The claims on appeal are:

11. A system comprising:

a processor;

a storage coupled to said processor;

a video controller coupled to said processor; and

a packetization device coupled to said video controller to independently packetize

at least two moving picture video streams in different frame rates for transmission thereof to a

display device without converting frame rates of said moving picture video streams to a common

frame rate.

12. The system of claim 11 including a modulation device to modulate and transport

independently packetized streams.

13. The system of claim 11 wherein each of said video streams has a different frame

rate and is packetized to be de-packetized at the different frame rate in the display device.

EVIDENCE APPENDIX

None.

RELATED PROCEEDINGS APPENDIX

None.